# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 14 Nov 2020 until 23:59 on Sunday 15 Nov 2020

Forecast Issued on Saturday 14 Nov 2020 at 04:18

**Confidence:** High for a typically unsettled autumnal pattern with showers or longer periods of rain dominating. However the confidence in the timing details of the worst of the conditions gradually lowers through into next week.

**Headline for Saturday 14 Nov 2020:** Spells of rain, sometimes heavy, with extensive hill fog and gales developing.

**Mountain weather hazards on Saturday 14 Nov 2020**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light rain | Light rain | Light rain | Heavy Rain | Heavy Rain | Heavy rain showers (night) |
| Precipitation probability | | | | | |
| 80% | 60% | 30% | 40% | 70% | 70% |

**Forecast for Saturday 14 Nov 2020**

**Weather:** Cloudy with spells of rain, these sometimes heavy and prolonged, especially this afternoon. The best chance of any drier and brighter conditions will be this morning, while the worst of the conditions are expected late afternoon and early evening with rain turning heavy at times. Later this evening broken cloud will follow, along with scattered heavy showers.

**Chance of cloud free mountain/hill tops above 600m:** 70% early to mid-morning, then lowering to 20% with bases broken to extensive above 400m. Later this evening increasing 60% with broken cloud around 500m.

**Visibility:** Good or very good decreasing moderate this morning, and then lowering to a handful of kilometres in rain and showers, and even less in hill fog. Improving good or very good later this evening, outside of showers.

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# Mountain Weather Forecast

**Forecast for Saturday 14 Nov 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/25 S | 17/23 S | 20/26 S | 27/37 S | 30/42 S | 29/40 S | 30/43 SW |
| **300** | 10/22 S | 9/21 S | 12/27 S | 15/32 S | 18/38 S | 17/36 S | 18/38 S |
| **Valley** | 9/24 S | 8/22 S | 10/24 S | 13/33 S | 17/39 S | 15/35 S | 14/32 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/-0 | 6/1 | 8/4 | 10/5 | 9/5 | 7/1 | 6/0 |
| **300** | 6/3 | 7/4 | 10/7 | 11/9 | 11/8 | 9/6 | 8/4 |
| **Valley** | 8/6 | 9/7 | 12/10 | 13/10 | 12/9 | 10/8 | 10/7 |
| **Freezing Level*** | 1500m | 1700m | 1900m | 2100m | 1800m | 1600m | 1500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts reaching 55-60 mph later this evening across most exposed ridges and summits.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sat 14 Nov 2020 | 10.2mm | 14mm | 22.8mm |

**Forecast for Sunday 15 Nov 2020**

**Weather:** Some clear spells but also scattered showers overnight. Through the morning quickly becoming cloudy with outbreaks of often heavy rain arriving. The rain rapidly clears east through the afternoon, with bright or sunny intervals and frequent showers following, some heavy bringing the risk of hail, thunder and lightning. The showers may merge into longer spells of rain, especially across western areas, and persist through the evening.

**Maximum wind:** South to southwest mean 40-45 mph at first with gusts 55-60 mph across most exposed ridges and summits. Winds gradually easing from late morning. There will be a noticeable windchill.

**Chance of cloud free mountain/hill tops above 600m:** 60% overnight, decreasing 30% for the morning with widespread cloud above 500m with the rain. Through the afternoon improving generally 70% across eastern areas and 30% across the west, with cloud bases around 400-500m.

**Visibility:** Good or very good decreasing lowering to a handful of kilometres in rain and showers, and less in hill fog.

**Temperature:** **Valleys:** Plus 4 Celsius rising 14 Celsius during the afternoon
**At 600m:** Plus 6 Celsius lowering plus 3 Celsius later
**Freezing level:** Above summits

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